

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	BA05
STATION NUMBER	BA05
4 CHAR ID	BA05
COUNTRY	IRAQ
LOCATION	BASRAH CITY
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	09 AUG 05

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	BA05
4 CHAR ID	BA05
STATION NUMBER	BA05

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES **FROM THE RECEIVER / HAND HELD GPS – IN WGS84**

LATITUDE N	30° 34' 14.0"
LONGITUDE E	047° 46' 39.7"
HT (M)	0
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R QU 66407 85297
SURVEYING AGENCY	IGRS

FIELD INPUT BY: LCPL COLWELL	UNIT: IGRS	DATE: 09 AUG 2005
FIELD CHECKED BY: SGT RUEPONG	UNIT: IGRS	DATE: 09 AUG 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 17-Apr-04

LATITUDE N	30° 34' 13.92694"
LONGITUDE E	047° 46' 39.73918"
SPHEROIDAL HT (M)	-12.603
EGM96 GEOID MODEL HT (M)	-15.394
ORTHOMETRIC HT (M)	2.791
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY	0.090
RELATIVE HEIGHT ACCURACY	0.013
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 17-Apr-04

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: BA05	
STATION NUMBER: BA05	4 CHAR ID: BA05
LOCATION: BASRAH CITY	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON REBAR	NUMBER OF REBARS: 1

MONUMENT PHOTO / SKETCH

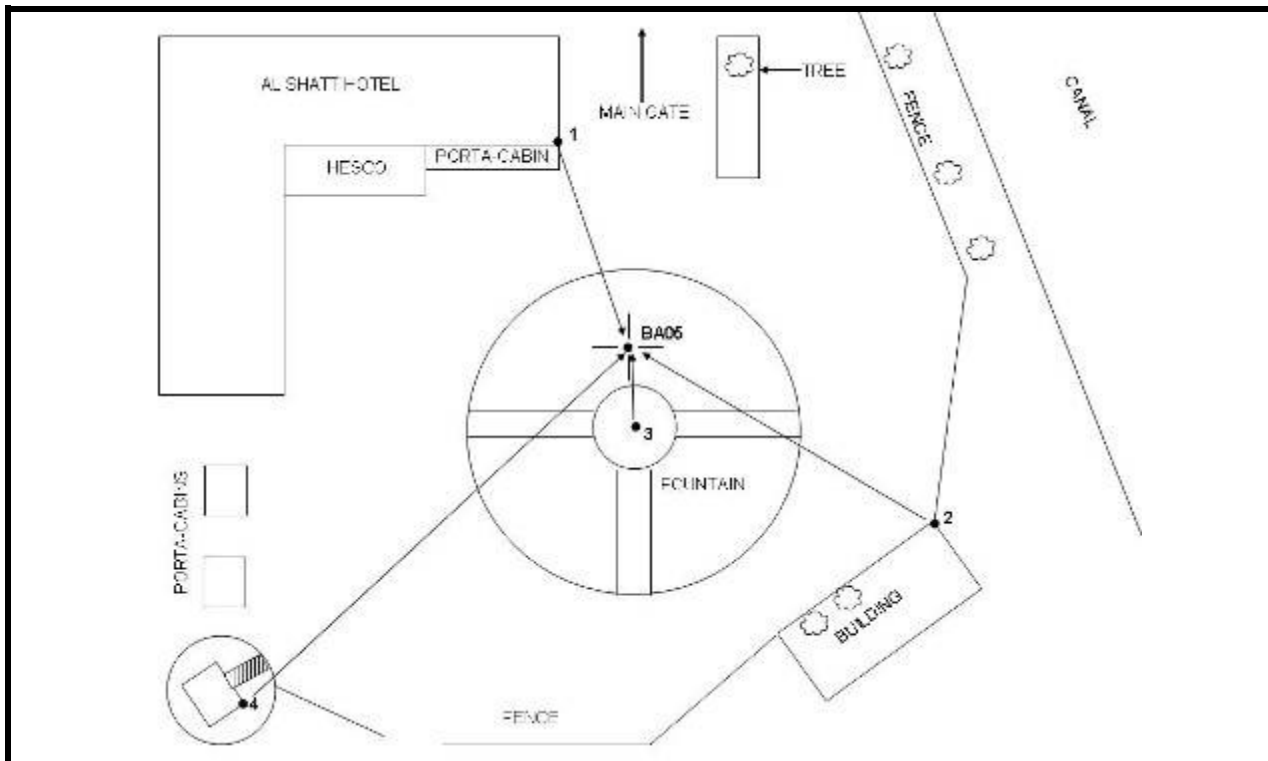
PREPARED BY: LCPL COLWELL	UNIT: IGRS	DATE: 09 AUG 2005
CHECKED BY: SGT RUEPONG	UNIT: IGRS	DATE: 09 AUG 2005

STATION DIAGRAM

STATION LONG NAME: BA05

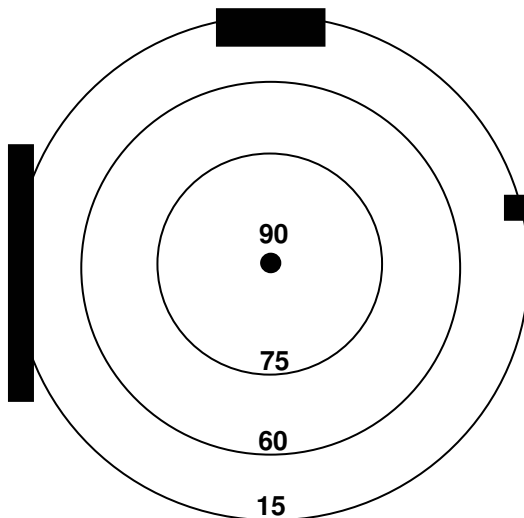
STATION NUMBER: BA05

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NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	CORNER OF HOTEL	103°	22m
2	CORNER OF BUILDING	285°	35m
3	FOUNTAIN CENTRE POINT	342°	5m
4	SMALL BUILDING ON STEPS	20°	35m

OBSCURITY DETAILS



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ACCESS MAP

STATION LONG NAME: BA05

STATION NUMBER: BA05

4 CHAR ID: BA05

MAP DETAILS

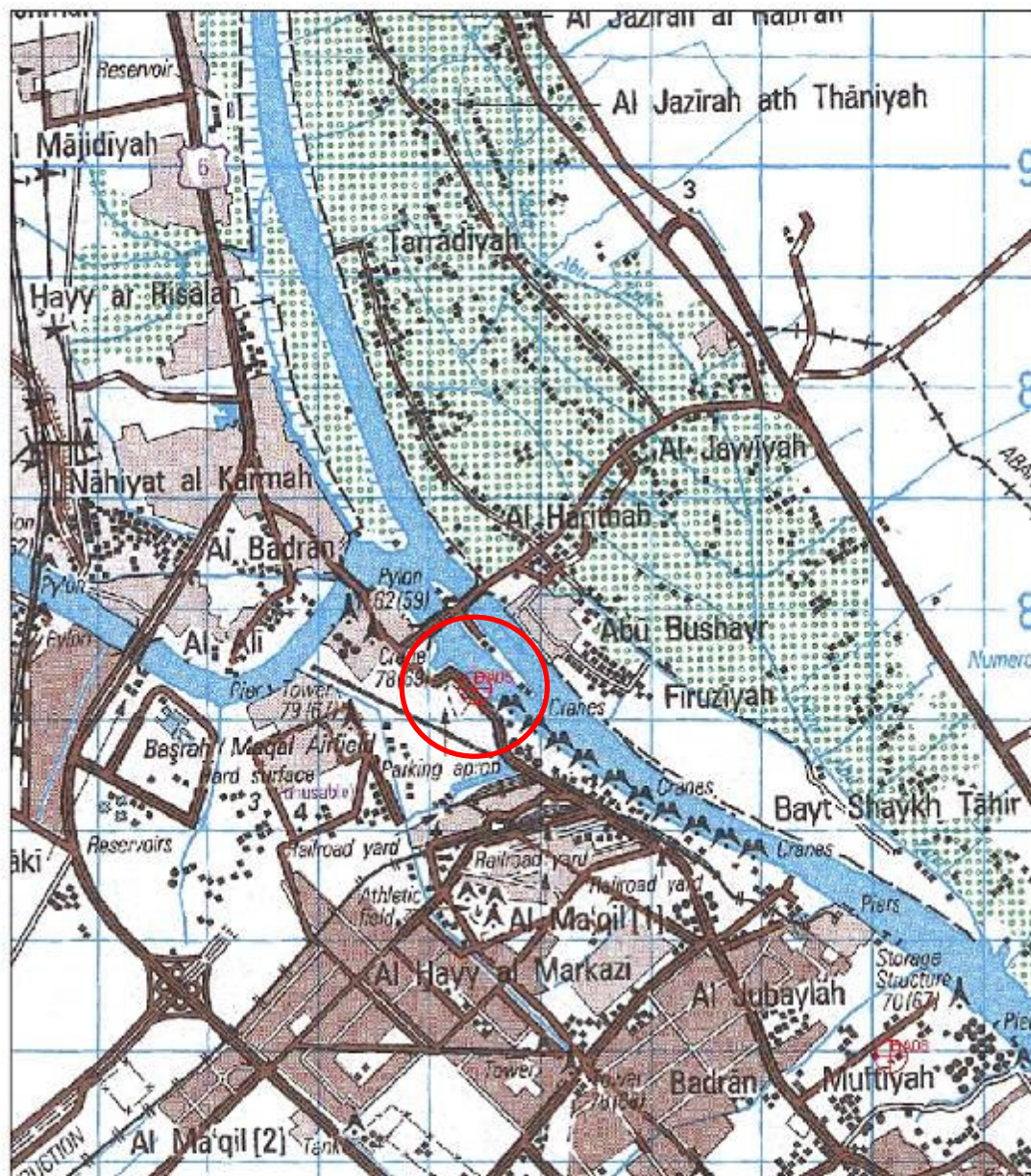
SERIES: K643

SHEET: 5551

EDITION: 5

SCALE: 1: 100,000

GR: 38R QU 66407 85297



PREPARED BY: LCPL COLWELL

UNIT: IGRS

DATE: 09 AUG 2005

CHECKED BY: SGT RUEPONG

UNIT: IGRS

DATE: 09 AUG 2005

ACCESS DESCRIPTION

STATION LONG NAME: BA05	
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MAP DETAILS	SERIES: K643	SHEET: 5551
EDITION: 5	SCALE: 1: 100,000	GR: 38R QU 66407 85297

From the major junction at gr 38R QU 637 826, travel along route 6 in a north westerly direction into Basrah. After approx 1.5km road bends round to the right and crosses over a major bridge over the Qarmat 'ali water way. Remain on road for approx 2km travelling in a north easterly direction to road junction at gr 38R QU 644 874. Turn right travelling south through the al Harithah district and cross over pontoon bridge into the as Sindibad district until road junction at gr 38R QU 658 856. Turn left travelling north east and follow road for approx 300m and locate the Shatt Al Arab hotel. Point is located on centre of roundabout with fountain directly next to the hotel.

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APPROACH PHOTOGRAPHS

STATION LONG NAME: BA05

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NEAR APPROACH FACING SOUTH



FAR APPROACH FACING SOUTH



TAKEN BY: LCPL COLWELL

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CARDINAL PHOTOGRAPHS

STATION LONG NAME: BA05

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NORTH



SOUTH



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CARDINAL PHOTOGRAPHS

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EAST



WEST



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